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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/542,070	08/29/2005	Albeto Spinetti	3687-122	2888

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ARLINGTON, VA 22203

EXAMINER

BOLLINGER, DAVID H

ART UNIT	PAPER NUMBER
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3653

MAIL DATE	DELIVERY MODE
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05/05/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/542,070	Applicant(s) SPINETTI, ALBETO	
	Examiner David H. Bollinger	Art Unit 3653	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 January 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-59 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 58 and 59 is/are allowed.
- 6) ☒ Claim(s) 1,4-13,19,20,27,30,33-41,47,48 and 55-57 is/are rejected.
- 7) ☒ Claim(s) 2,3,14-18,21-26,28,29,31,32,42-46 and 49-54 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>17 January 2008</u> . | 6) <input type="checkbox"/> Other: _____ |

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1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 5, 7, 8, 12, 13, 19, 27, 30, 36, 40, 41, 47 and 55 through 57 are rejected under 35 U.S.C. 102(b) as being anticipated by Nanba (Japanese 59069332, cited by applicant).

Note the supporting element 5 has a non-circular cross section.

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 20 and 48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nanba.

Nanba as interpreted above in paragraph 4 teaches everything including take-up members comprising rollers 3,3'. Nanba fails to teach the take-up rollers having a polygonal cross section. The cross of the take-up rollers is considered and obvious matter of choice for one of ordinary skill in the art as it is within the ability of the routineer in the art to properly shape such rollers for correct take up the ribbon.

5. Claims 4, 6, 9 through 11, 33, 34, 35 and 37 through 39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nanba in view of Jannett.

Nanba as interpreted above in paragraph 4 teaches everything including at least one support element 5 which is non-circular. However, Nanba does not clear teach the non-circular support element including at least two resting surfaces on which the ribbon means are wound.

Jannett teaches such a support element 11 (see Figures 1, 2A, 2B and 7A) which is non-circular and includes at least two resting surfaces on which ribbon means are wound.

It would have been obvious to substitute a support element such as that taught by Jannett for the support element in Nanba as this is considered the substitution of one known support element for another of the same type with predictable result.

6. Claims 2, 3, 14 through 18, 21 through 26, 28, 29, 32, 31, 42 through 46 and 49 through 54 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. Claims 58 and 59 are allowed.

8. Applicant's arguments filed 17 January 2008 have been fully considered but they are not persuasive. Applicant has argued that Nanba does not disclose the supporting element made of rigid material which has a non-circular cross section for obtaining one or more distinct rigid resting surfaces on which the ribbon is wound. It is the examiner's position that supporting element of Nanba comprising members 5, 9 and 9' are of a rigid material and include the surfaces of 9,9' on which the ribbon is wound.

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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David H. Bollinger whose telephone number is 571-272-6935. The examiner can normally be reached on Tuesday through Friday from 9:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Mackey, can be reached on 571-272-6916. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/David H Bollinger/
Primary Examiner, Art Unit 3653